

(54) CATCH DEVICE HAVING LATCH FUNCTION

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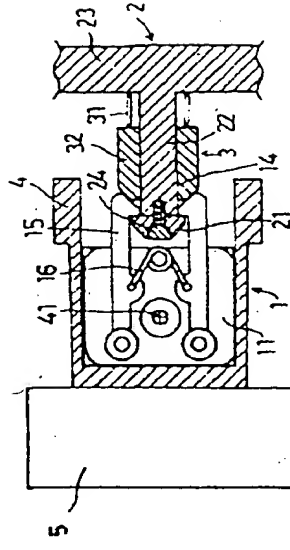
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**PURPOSE:** To simplify structure and reduce a cost by providing a catching part having an engaging opening end part energized in closing direction, a caught part having of a pressure-fitted and maintained head part and a neck part, and a detach member with which the neck part is covered, which is movably along the neck part, and being pressure-fitted in the opening end part.

**CONSTITUTION:** At the time of engagingly fixing, the engaging opening end part 14 of a catching part 1 is brought in contact with the head part 21 of a caught part 2, and pressure-fitted therein. The engaging opening end part 14 is opened along the shape of the head part 21, and brought in contact with a detach member 3 after passing through the head part 21. When the detach member 3 is pushed more and returned back, the engaging opening end part 14 is closed by energizing force so as to be engaged with parts of the head part 21 and the neck part 22 of the caught part 2. At the time of detaching and separating, the catch part 1 and the caught part 2 are push-pressed in direction in close proximity again. The engaging opening end part 14 is opened along the outer shape of the detach member 3 so as to cover the detach member 3. When the catch part 1 and the caught part 2 are separated from each other, in this condition, the engaging opening end part 14 is detached and separated from the head part 21 without being disturbed by the head part 21, so that the catch part 1 and the caught part 2 are detached and separated from each other.



LEGENDE

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